

Abstract

The present invention relates to a novel Neutrokin- α , and a splice variant thereof designated Neutrokin- α SV, polynucleotides and polypeptides which are members of the TNF family. In particular, isolated nucleic acid molecules are provided encoding the human Neutrokin- α and/or Neutrokin- α SV polypeptides, including soluble forms of the extracellular domain. Neutrokin- α and/or Neutrokin- α SV polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of Neutrokin- α and/or Neutrokin- α SV activity. Also provided are diagnostic methods for detecting immune system-related disorders and therapeutic methods for treating immune system-related disorders.